

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/002635

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 F24C 7/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 F24C 7/00, F24C 7/02, H05B 6/72, H05B 6/74

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patent and application for inventions since 1975, Korean Utility Models and application for Utility Models since 1975
Japanese Utility Models and applications for Utility Models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,421,968 B(RAYTHEON COMPANY) 20 DECEMBER 1983 see the whole document	15-16, 18, 20
Y	US 5,919,391 B(DAEWOO ELECTRONICS CO.,LTD.) 6 JULY 1999 see the whole document	15-16, 18, 20
A	US 4,808,784 B(SAMSUNG ELECTRONICS CO.,LTD.) 28 FEB 1989 see the whole document	1-20
A	KR 97-44079 U(SAMSUNG ELECTRONICS CO.,LTD.) 31 JULY 1997 see the whole document	1-20
A	KR 1999-002362 U(SAMSUNG ELECTRONICS CO.,LTD.) 25 JANUARY 1999 see the whole document	1-20
A	KR 1999-0017331 U(DAEWOO ELECTRONICS CO.,LTD.) 25 MAY 1999 see the whole document	1-20

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

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- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

31 JANUARY 2005 (31.01.2005)

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